WHAT IS CLAIMED:

1. A method for use in a mobile station, the method comprising the steps of:
attaching to a wireless data network; and
performing asymmetric traffic class negotiation with the wireless data network.

2. The method of claim 1 wherein the performing step includes the steps of:
transmitting to the wireless data network a quality of service information element comprising a traffic class indicator that is indicative of requesting asymmetric traffic classes.

3. The method of claim 1 wherein the performing step includes the steps of:
transmitting to the wireless data network a quality of service information element comprising at least two traffic class fields, one for an uplink direction and one for a downlink direction associated with the mobile station.

4. The method of claim 3 wherein the quality of service information element further comprises at least two residual bit error rate fields, one for the uplink and one for the downlink; as least two service data unit error ratio fields, one for the uplink and one for the downlink; and at least two transfer delay fields, one for the uplink and one for the downlink.

5. The method of claim 1 further comprising the steps of:
receiving data in accordance with a first negotiated traffic class; and
transmitting data in accordance with a second negotiated traffic class;
wherein the first negotiated traffic class and the second negotiated traffic class are different.

6. A method for use in a first packet server of a wireless network, the method comprising the steps of:
exchanging messages with a second packet server for the purpose of providing at least one service to a mobile station, wherein the exchanging step includes the step of

transmitting to the second packet server a message comprising a quality of service information element comprising a field for requesting asymmetric traffic classes for an uplink direction and a downlink direction associated with the mobile station.

7. The method of claim 6 wherein the quality of service information element further comprises at least two residual bit error rate fields, one for the uplink and one for the downlink; as least two service data unit error ratio fields, one for the uplink and one for the downlink; and at least two transfer delay fields, one for the uplink and one for the downlink.

8. A packet server comprising:

a transceiver for exchanging messages with a second packet server for the purpose of providing at least one service to a mobile station; and

a processor for causing to be transmitted to the second packet server a message comprising a quality of service information element comprising a field for requesting asymmetric traffic classes for an uplink direction and a downlink direction associated with the mobile station.

9. The wireless apparatus of claim 8 wherein the quality of service information element further comprises at least two residual bit error rate fields, one for the uplink and one for the downlink; as least two service data unit error ratio fields, one for the uplink and one for the downlink; and at least two transfer delay fields, one for the uplink and one for the downlink.

10. A transmission frame representing data embodied in a wireless transmission signal, the transmission frame comprising:

a field for requesting asymmetric traffic classes for an uplink direction and a downlink direction associated with a mobile station;

a downlink traffic class field; and

an uplink traffic class field.